

The Connection of Metrics of Visual and Audio
Spaces for a Method of Transforming an Image
Into Sound, by V. G. Grishin. 6 pp.
RUSSIAN, rpt, Vsesoyuznaya Nauchnaya Sessiya,
Posvyashchennaya Dnyu Radio, 22D, 1966, Sektsiya
Rioniki. Doklady. Moscow 1966, pp 55-60.
AIR/PTD/PT-23-1666-67

Sci/B & M
Feb 69

375,490

Reports on Soviet Research in the Field of
Bionics, by A. I. Prokhorov, 129 pp.
RUPSIAN, rpt, XXII Vsesoyuznaya Nauchnaya
Sessiya, Posvyashchennaya Dayu Radio. Doklady
Sektali Bioniki, 1966, pp. 1-135.
JPRS 38716

USSR
Sci-B/MS
Dec 66

314,416

Practical algorithms for finding optimal redundancy,
by B. I. Belov, V. A. Ovchinnikov.
RUSSIAN, mono, Vsesoyuznaya Nauchnaya Sessiya Pory-
asichennaya Dnyu Radio. 22d, 1966. Sektsiya Elektron-
no-Vychislitel'noy Tekhniki, Moskva, 1966, pp. 57-64.
CIA S-105 383 67

Sept 67

366,463

One Method of Detecting Interception,
by I. I. Kortsbak.
RUSSIAN, for, Vsesoyuznaya Nauchnaya
Sessiya Posvyashchennaya Druze Radio
(no. 22) Sektsiya Issledovaniya
Operatsii, 1966, pp 7-8.
NTC 72-10957-171

May 72

XIII All-Union Scientific Session, Dedicated to
the Day of Radio Telecommunications Section, by A. I.
Pavlovskiy.
RUSSIAN, LK, XII Vsesoyuznaya Nauchnaya sessiya
Posvyashchennaya Dnyu Radio, Sektsiya Telekommunikatsiya,
1966, 11, 14-18.
CIA 8-88-44 SV 68

Sept 68

366,416

Device for Automatically Choosing the Selection
Angle Shortwave Communication System With Spatial
Beam Selection and Relative Phase Keying, by
Ye. P. Kamev, P. V. Belov, 4 pp.
RUSSIAN, per, Vsesoyuznaya Nauchnaya Sessiya,
Posvyashchennaya Dnyu Radio. 22nd, Moscow.
Sektsiya Teorii i Tekhniki Peredachi Diskretnykh
Signalov, 1966, pp 32-36. P100245568-V
FTD-IT-24-223-67

Sci/Phys
Oct 68

363,368

Method of Analysis of Dispersion Distortions
of a Short Pulse in the Ionosphere, by
S. S. Zak, 9 pp.

RUSSIAN, per, Vsesoyuznaya Nauchnaya Sessiya,
Posvyashchennaya Dnyu Radio. 22nd, Moscow.
Saktsiya Teorii i Tekhniki Peredachi Diskretnykh
Signalov, 1966, pp 41-52. F100245568-N
TID-11-24-223-67

Sci/Mav
Oct 68

363,369

Some questions of research into the mag-
neto-ionic effect and polarization of radio
waves reflected from the ionosphere, by

Yu. A. Izvin,

Abstract, Part, XXII Vsesoyuznaya Nauchnaya

Sessiya Posvyashchennaya Izyu Radio -

Sektziya Rasprostraneniya Radiovoln, 1966,

pp. 27-28.

UDC 5-1798

16 2204000167

Sci-Phys
Mar 67

320,250

Application of Deep Seismic Sounding for
Studying the Crustal Structure of Central Asia,
by M. B. Vol'vovskiy, I. B. Vol'vovskiy, et al.
9 pp.

RUSSIAN, rpt, Vsesoyuznaya Nauchno-Tekhnicheskaya
Geofizicheskaya Konferentsiya. 5th, Novosibirsk,
1963, Metodika, Tekhnika i Rezultaty Geofizi-
cheskoy Razvedki. Materialy Konferentsii, Moscow,
1967, pp 14-20.
AIR/PTD/AT-24-110-68

sci/earth sci
feb 69

376,496

I. S. Badyl'kes

New principles in thermodynamic properties of ferons.
6 pp.

*RUSSIAN, Vsesoyuznoy nauchno-tekhnicheskoi konferentsii
po termodinamike, 1969, pp 55-59*

AIR/FTD-HT-23-491-72

sept 72

Stressed State and Mechanical Properties of
Composite Materials, by A. I. Sonov,
O. V. Chernyy. 14 pp.

RUSSIAN, rpt, Vsesoyuznoye Nauchno-Tekh
Soveshchaniye po Voprosam Prochnosti Mater-
ialov i Konstruktivnykh Elementov pri
Vysokikh Temperaturakh, 4th Kiev, Termo-
prochnost' Materialov i Konstruktivnykh
Elementov Materialy, 1967, pp 76-85.
AIR/PTD/MT-24-518-68

Sci-Materials
Nov 69

396,740

Study of the Laws Governing Weakening and the Formation and Growth of Defects in the Structure of Structural Glass-Reinforced Plastics Under Conditions of Nonstationary Heating At High Temperatures, by M. G. Lominskiy, et al. 13 pp. RUSSIAN, rpt, Vsesoyuznoye Nauchno-Tekhnicheskoye Soveshchaniye po Voprosam Prochnosti Materialov i Konstruktivnykh Elementov pri Vysokikh Temperaturakh. 4th. Kiev. Thermoprochnost' Materialov i Konstruktivnykh Elementov. Materialy (Fourth All-Union Scientific-Technical Conference on Questions of the Strength of Materials and Structural Materials at High Temperatures. Kiev. The Thermal Strength of Materials and Structural Elements. Conference Material

42 1967 PP 136-144 AIR-FTD-HT-23-804-70

Investigation of the Effect of Temperature on
the Mechanical Properties of High-Strength Glass-
Reinforced Plastics, by V. S. Garenuk,
A. A. Krisuk, et al. 7 pp.

RUSSIAN, rpt, Vsesoyuznoye Nauchno-Tekhnicheskoye
Ispytaniye na vyusani Prochnosti Materialov
i Konstrukivnykh Elementov na Vysokikh Temper-
aturakh, 4th, Kiev. Temprochnost' Materialov i
Konstrukivnykh Elementov. Materialy, 1967,
pp 155-159.

NRV/TE/ET-23-1461-68

sci/ materials
nov 69

397,090

The Effect of Structural Transformations on the
Stability of Austenitic Steels and
Alloys, by A. I. Korzykva. 3 pp.
MISL, et, Vsesoyuznoye Nauchno-Tekhnicheskoye
Obshchestvo po Voprosam Prochnosti Materialov
i Konstruktivnykh Elementov pri Vysokoy
Temperaturnykh Usloviyakh, 1967, pp. 251-257.
MISL/POL/T-24-136-69

sci/ materials
car 7)

404,370

FTD (TDRIR)

-11-9-9

BT68-10-22907

Request translation check

19768 10-22917

Apparatus for studying the endurance of refractory metals
and their alloys in a vacuum at high temperature

Gryaznov, B.A., Rovkov, V.A.

Russ coll: Vsesoyuznoye nauchno-tekhnicheskoye soveshchan-
iye po voprosam prochnosti materialov i konstruktivnykh
elementov pri vysokikh temperaturakh, 4th, Kiev, Termo-
prochnost' materialov i konstruktivnykh elementov;
materialy soveshchaniya, no 4, Kiev, Izd-vo "Naukova dumka"
1967, 302-304

In process as

HT-23-12-69C

*Negative
16 Sept*

Certain Results of Studies of the Low-Cycle
Fatigue of a Heat-Resisting Steel, by
V. I. Kovpak, Vol. 7. Kazan, 6 pp.
RUBIN, Dk, Vsesoyuznoye Nauchno-Tekhnicheskoye
Soveshchaniye po Voprosam Prochnosti Materialov
i Konstruktsionnykh Elementov pro Vysokikh Temper-
aturakh, 8th, Kiev. Temprochnost' Materialov
i Konstruktsionnykh Elementov Materialy, 1967,
pp 310-314.
MB/111/11-23-12-69

sci/materials
apr 70

405,861

Apparatus for Studying the Endurance of Heat-Resisting Alloys with Programmed Variation of Temperature and Load, by V. T. Smolchenko, Vol. 1. Kharkov. 5 pp.

МОНІТОР, Ін. Всесоюзного Научно-Технічного
Совещаниа по Вопросам Прочности Материалов
и Конструктивных Элементов при Высоких Темпер-
атурах, 4th, Kiev. Tverdnost' Materialov
и Конструктивных Элементов Материалов, 1967,
pp 356-359.

ATP/ITD/AT-23-12-69

The resistance of heat-resistant alloys to
thermal fatigue as a function of thermal stress,
by L. A. Dul'nev. 7 pp.

1967, pp. Vsesoyuznoye Nauchno-Tekhnicheskoye
Soveshcheniye po Voprosam Prochnosti Materialov
i Konstruktiivnykh Elementov pri Vysokikh Temper-
aturakh, 4th Kiev. Temprochnost' Materialov i
Konstruktiivnykh Elementov Materialy, 1967,
pp. 360-365.

ADP/ED/ II-23-1455-68

Sci/ Materials:
NOV 69

397,087

Effect of Stress Concentration on the Thermal-
Fatigue Resistance of ST703 Heat-Resisting
Steel Sheet, by V. I. Filipenko. 7 pp.
RUSSIAN, Uk, Vsesoyuznoye Nauchno-Tekhnicheskoye
Issoledovaniye po Voprosam Prochnosti Materialov
i Konstruktsionnykh Elementov pri Vysokikh Temper-
aturakh, 4th, Kiev. Tekhnicheskoye Materialov
i Konstruktsionnykh Elementov Materialy, 1967,
pp. 370-375.

ADP/IN/IN-23-12-69

sci/aterials

apr 70

405,863

FTD (TDBIR)

8-10-10

BT68-10-3031T

Request for check

Investigation of damping properties of alloy EI6072 at
elevated temperatures

Bocharova, L.A.

Russ coll: Vsesoyuznoye nauchno-tekhnicheskoye soveshchaniye
po voprosam prochnosti materialov i konstruktivnykh elemen-
tov pri vysokikh temperaturakh, 4th, Kiev. Termoprochnost'
materialov i konstruktivnykh elementov; material soveshch-
aniya, no 4, 1967, 392-395

*In process**HT-23-12-69**14-10-68*

Thermal Stresses in Nozzle Blades of Gas
Turbine, by B. I. Kuriet, L. I. Tret'yachenko,
et al. 12 pp.
RUSLAN, Bk, Vsesoyuznoye Nauchno-Tekhnicheskoye
Soveshchaniye po Voprosam Prochnosti Materialov
i Konstruktivnykh Elementov pri Vysokikh Temper-
aturakh, 4th, Kiev. Temoprochnost' Materialov
i Konstruktivnykh Elementov Materialov, 1967,
pp 407-417
AIR/ED/AT-23-12-69

sci/prop and fuels
apr 70

405,864

A Method of Investigating the Thermal Fatigue of
Gas Turbine Blades with Programmed Thermal Loading,
by L. V. Kravchuk, E. I. Kuriat, et al.

RUSSIAN, rpt, Vsesoyuznoye Nauchno-Tekhnicheskoye
Soveshchaniye po Voprosam Prochnosti Materialov
i Konstruktiivnykh Elementov Pri Vysokikh Temper-
aturakh, 4th Kiev. Temprochnost' Materialov i
Konstruktiivnykh Elementov Materialy, 1967,
pp 442-447.

AD/PTR/T-24-517-68

sci/Physics
july 69

367,331

Apparatus for Studying the Heat Resistance of
Turbine Blades Under Conditions of Simultaneous
Thermal and Mechanical Loading, by
A. P. Voloshchenko. 7 pp.

RUSSIAN, bk, Vsesoyuznoye Nauchno-Tekhnicheskoye
Ispytaniye po Voprosam Prochnosti Materialov
i Konstruktiivnykh Elementov pri Vysokikh Temper-
aturakh, 4th, Kiev. Tverdnost' Materialov
i Konstruktiivnykh Elementov Materialy, 1967,
pp 448-454.

ADP/PHD/PT-23-12-69

sci/energy conv
apr 70

405,865

Study of the Plastic Deformation of Nonuniformly
dentured Rotating Disk, by V. G. Leshchenko,
I. A. Kozlov, et al. 7 pp.

RUSSIAN, Lk, Vsesoyuznoye Nauchno-Tekhnicheskoye
Isveshcheniye po Voprosam Prochnosti Materialov
i Konstruktiivnykh Elementov pro Vysokikh Temper-
aturakh, 4th, Kiev. Termoprochnost' Materialov
i Konstruktiivnykh Elementov Materialy, 1967,
pp 460-465.

ALL/AD/HT-23-12-69

DTD (TDBIE) 19-9-56 BT68-100 2563T
Request in check

State of stresses in gas turbine disks

Molchanov, Ye. I., Trushechkin, V.P.

Russ coll: ~~VII~~ Vsesoyuznoye nauchno-tekhnicheskoye soveshchaniye no voprosam prochnosti materialov i konstruktivnykh elementov pri vysokikh temperaturakh, 4th, Kiev. Termoprochnost' materialov i konstruktivnykh elementov materialy soveshchaniya, no 4, Kiev, Izd-vo "Naukova dumka", ix 1967, 466-469

In process as
HT-23-1453-68

HT-23-1453-68

The Basic Properties of Materials and Design
Which Determine the Service Life of Nozzle
Blades, by A. A. Pashinovich, V. G. Chumarov,
10 pp.

RUSSIAN, mono, Vsesoyuznoye Nauchno-Tekhnich-
eskoye Soveshchaniye Po Voprosam Prochnosti
Materialov i Konstrukivnykh Elementov pri
Vysokim Temperaturakh. 4th, Kiev. Temprochnost'
Materialov i Konstrukivnykh Elementov.
Materialy, No 4, 1967, pp 477-484.
AIR/FTD/H-23-795-68

sci/prog and fuels
apr 69

380,057

Approximate Determination of Temperature Stresses
in Nonlinear Forged Rotors, by V. A. Ablovskiy,
G. A. Dzhepa. 9 pp.

RUSSIAN, rpt, Vsesoyuznoye Nauchno-Tekhnicheskoye
Soveshchaniye Po Voprosam Prochnosti
Materialov i Konstruktiivnykh Elementov pri
Vysokikh Temperaturakh, 4th, Kiev. Temperaturnaya
Prochnost' Materialov i Konstruktiivnykh Elementov,
1967, pp 502-508.

RIR/ED/IN-23-1136-68

sci/energy conversion
jan 70

399,839

Method of Studying the Heat Resistance of
Structures with Heat-Protection Coatings, by
A. A. Tret'yachenko. 5 pp.

Известия АН, Всесоюзного Научно-Технического
Советского по Вопросам Прочности Материалов
и Конструктивных Элементов при Высоких Темпер-
атурах, 4th, Kiev. Termoprochnost' Materialov
i Konstruktivnykh Elementov Materialy, 1967
pp 509-512.

AI/150/11-23-12-69

sci.techn engr
apr 70

405,867

Ants and Forest Protection.

by Arnoldi, K. V.

RUSSIAN, Mono. Vsesoyuznyi Simpozium po

Ispolnovaniyu Muravev Alia Borby s Kreditaliami

Leva (Srd), 59p. 1967

ETC-69-36788

NRCC C-8299

Mar 70

404,668

REQUEST TR CHECK

14-8-12

TGE3

RELATION BETWEEN THE PHYSICAL AND CHEMICAL
FEATURES OF ASBESTOS AND THEIR PATHOGENIC
ACTION

KOGAN F M

UR: PATOGENEZ PNEVMOKONIZOV. VSESOYUZNOGO
SIMPOZIUMA 18 20 NOV 1968.
SVERDLOVSK. 1970, pp 16-34

Process in as
MT 72-24-1477

Negative
Spang 72

Social Factors in Controlling the
Development of Scientific Teams,
by Y. V. Poshekhonov.
RUSSIAN, per, Yessoyuznyi Simposium
po Naukovedeniye. Prognostirovaniye,
Informatiki (no. 2). Materialy,
1970, pp 166-175
NTC 72-11346-05K

June 72

Role of the Structure of Surface Layer in the
Process of External Friction of Polymer
Materials, by V. A. Belyy.

RUSSIAN, rpt, Vsesoyuznyy Simpozium o Prirode
Treniya Tverdykh Tel, Minsk, 1969, pp 35-68.
NASA TT F-12,890

Sci-Phys
Mar 70

FTT (TDEIR)
Request for check

23-11-30

MT68-10-3423T

Electrochemical method of investigating stresses at the
boundary of a glass-metal soldered joint.

Dernev, N.K., Potapov, G.P.

Russ coll: Vsesoyuznyy simpozium po probleme "Metody
izmereniya teplovogo rasshireniya stekol i ispol'zuyemykh
dlya spayev so steklami metallov", Ist. Leningrad, 1966.
Metody izmereniya teplovogo rasshireniya ~~stekol~~ stekol i
spaiivayemykh s nimi metallov, 1967, 98-100

[Signature]

MT-24-22-69

*Negative
Images*

Use of molybdenum disulfide in the manufacture
of cables, by G. P. Chubaysov, V. S. Surovtsev.
5 pp.

RUSSIAN, in, Vsesoyuznyy Simpozium po Problemam
Prochnosti i Dolgovernosti Stal'nykh Kanatov.
4th, 1966. Materials, 1967, pp 188-192.
ADP/INT/IT-23-667-68

sci/ materials
nov 69

396,992

REQ TR CHECK

30-11-28

TX92

CALCULATIONS OF THE TWO COMPRESSIBILITY
MECHANISMS IN EQUATION OF SOIL DYNAMICS
LYAKHOV G M

UR: VSESOYIZNOGO SIMPOZIUMA PO
RASPROSTRANENIYU UPRUGO-PLASTICHESKIKH VOLN
V SPLOSHNYKH SREDAKH, BAKU. OCT. 1964,
1966, pp 234-244

Process in 95

HT 72-23-0749

*Negative
8 Dec 71*

G. M. Lyakhov

The interaction of a shock wave in a plastic medium
with an edifice. 16 pp.

RUSSIAN, Vsesoyuznogo simpoziuma po rasprostraneniyu
uprugoplasticheskikh voln v sploshnykh sredakh.

Materialy, 1966, pp 245-257

AIR/FTD-HT-23-748-72

oct 72

Reflection of a Plane Underground Blast Wave
From an Underlying Layer, by Z. V. Narozhnaya. 15 pp.
RUSSIAN, rpt, Vsesoyuznogo Simpoziuma po
Rasprostraneniyu Uprugo-Plasticheskikh Voln v
Sploshnykh Sredakh. Materialy. Baku. Oct 1964
1966, pp 258-268.
AIR/FTD/HIC-23-251-71

Sept 71

The Theory of Shock Propagation in Soft Water
Saturated Soils, by V. N. Nikolayevskiy. 13 pp.
RUSSIAN, rpt, Vsesoyuznogo Simpoziuma po
Rasprostraneniyu Uprugo-Plasticheskikh Voln v
Sploshnykh Sredakh. Materialy. Oct 1964,
1966, pp 269-278.
AIR/FTD/HO-23-240-71

Sept 71

REQ TR CHECK

30-4-5

TF9

SMALL COMPUTER ASSEMBLY FOR EXPERIMENTAL
STATISTICAL INVESTIGATIONS

KRUG G. K.

UR: VSESGYUZNOGO SIMPOZIUMA PO
STATISTICHESKIM PROBLEMAM V TEKHNICHESKOY
KIBERNETIKE, 1970, pp 285-295

*In process as**HC-23-71-0746**Negative*

Computer and Control System Complex For Optimi-
zation of the Distribution of Loads in Power
Systems and Thermal Power Plants, by V. L. Sinkov,
A. V. Bogoslovskiy, 31 pp.

RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po
Avtomaticheskomu Upravleniyu, 30, Odessa, 1965.
AIR/FTD/TT-24-91-69

Sci/Elec
Nov 69

398,524

LYAPAS Algorithmic Language and Automation of
Synthesis of Relay Systems, by A. D. Zakrevskiy,
12 pp.

RUSSIAN, per, Vsesoyuznoye Soveshchaniye po
Auto Upravleniyu, 30, Odessa, 1965, pp 321-327.
ATR/FTD/MT-24-583-69

Sci/Elec
May 70

Some Problems of Pulse Magnetic Reversal of
Ferrites With Rectangular Hysteresis Loops
Originating During the Use of Memory Elements
in Multiperforated Sheets, by R. A. Lashevskiy.
6 pp.

RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po
Ferritam. 4th. Minsk. Fizicheskiye i Fiziko-
Khimicheskiye Svoystva Ferritov. Inklady
Soveshchaniya. Minsk, Nauka i Tekhnika, 1966,
pp 182-186.

AIR/PTD/MT-23-1531-67

sci/materials
mar 69

377.920

Study of certain Polymers with a Conjugate-bond
System using EPR & IR Spectroscopy methods, by
Yu. G. Aseyev.

RUSSIAN, per, Vsesoyuznoye Soveshchaniye po Issledo-
vaniya Svoystv Tverdogo Tela Meto, 1967, pp 408-410.
FTD-INT-23-253-68

may 71

The Study of High and Superhigh Energy Cosmic Ray Particles and Their Chemical Composition in the Domain of Very Heavy Nuclei Aboard the Scientific Space Stations "Proton-1" and "Proton-2", by N. N. Volodichev, N. L. Grigorov, V. Ye. Hesterov, I. D. Rapoport, I. A. Savenko, G. A. Skuridin, A. F. Ttienkov, 41 pp.

RUSSIAN, ppb, Vsesoiuznoe Soveschaniye po Kosmicheskim Lucham, Oct 1966. P911154767
AEC UCRL Tr-1340

336,356

Sci - Nuclear Science
May 67

One Design Variant of a Magnetic Thin-Film
Memory With a Planar Substrate, by
Ya. A. Khetaurov, Yu. A. Popov, et al. 12 pp.
RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po
Magnitnym Elementam Avtomatiki i Vychislitel'noy
Tekhniki, 10th, Kaunas, 1964. Magnitnyye Elementy
Vychislitel'noy Tekhniki, 1966, pp 107-114.
ADP/FTD/AT-23-93-68

Sci/Electronics
Feb 69

375,596

Memory Matrices Using Thin Magnetic Films, by
G. P. Zharikov, L. I. Olaynik. 8 pp.
RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po
Magnitnym Elementam Avtomatiki i Vychislitel'noy
Tekhniki. 10th, Kurnas, 1964, Magnitnyye Elementy
Vychislitel'noy Tekhniki, 1966, pp 130-134.
AIR/PTD/AT-23-93-68

Sci/Electronics
Feb 69

375,597

A Memory Device Version Based on Cylindrical
Magnetic Films, by Ya. A. Khetagurov,
Yu. A. Popov, et al. 12 pp.

RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po
Magnitnym Elementam Avtomatiki i Vychislitel'noy
Tekhniki. 10th, Kaunas, 1964, Magnitnyye Elementy
Vychislitel'noy Tekhniki, 1966, pp 146-152.
AIR/FTD/IN-23-93-68

Sci/Electronics:

Feb 69

375,598

A Multichannel Magnetic Accumulator of Analog Values, by F. P. Belinskis, V. V. Mashukaytis. 8 pp.

RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po Magnitnym Elementam Avtomatiki i Vychislitel'noy Tekhniki, Lith, Tallin, 1967, 1968, pp 46-50.

AIR/PTD/AT-24-413-69

sci/electronics
may 70

A New Method for Measuring the
Dissipation Rate of Turbulence on
Clouds and Precipitation Using a
Conventional Radar, by A. I. Gorelik.
RUSSIAN, per, Vsesoyuznoe Soveshanie
po Radiolokatsionnoi Meteorologii.
(no. 3). Moscow, 1963.
NTC 72-11190-041

May 72

Agency:	U.S. Army Cold Regions Res. & Eng. Lab.
PL 860.0	73-2-15 R-15034-B 19 Sep 74
Title:	Metodika prognostirovaniya prochnostnykh kharakteristik neslennogo polotna iz pylovatykh gruntov v raionakh I i II klimaticheskikh zon s porozheni- em 10% (1974)
Author(s):	Zolotarev, I. A. (MID 26-1981)
Source:	Vsesoyuznoe sovetskoye seminar po obrazu opytov stroitel'stva v surovykh klimaticheskikh usloviyakh, 5th, Tyumen, 1974, 7(1):21-37 17pp + 6 tabs
Languages:	Russian
Spec. Instr.:	Planned for use in the design of structures in the Arctic region

Agency:	U.S. Army Cold Regions Res. & Eng. Lab.
P.O. No.:	73-3-15
	19 Sept. 72
Title:	Raschet vysooty i oshchki nasepi, projektir- vanoi v sone tekhnicheskikh i dopoln- chenskiy otstavaniya granitov i shchitov
Author:	Malyshov, A.A. & Popov, P.I. (Sib 26-3944)
Source:	Issledovanie soveshchaniya oshchki po otstavaniyu opytom otstavaniyu v strovni klimaticheskikh usloviyakh, 5th, Gyran, 1967, 7(1):83-85 2pp
Language:	Russian
Spec. Instr.:	Please translate & type single-copy, no paste-up, leave space, translate headings of illustrations

Agency Pol. Sec. 4	8.1. Army Cold Regions Res. & Eng. Lab. 73-1-17	2-1112-3 19 Sept. 72
Title:	Raschet prochnosti dorozhnykh konstruktov v usloviakh vednoi meraloty v pervoi dorozhniko-klimaticheskoi zone	
Author(s):	Punakov, A. A. & Baryshov, I. A. (Bib 26-391)	
Source:	Sveshchenie sovetskogo seriya po obshchemu opytu stroitel'stva v usloviakh klimaticheskikh usloviakh, 5th, Moscow, 1968, 7(1), 26-30, 13pp	
Language:	Russian	

Agency:	U.S. Army Cold Regions Research & Engineering Lab. 75-7-10
Date:	19 Sept. 72
Title:	Vlianiye grantovyykh vod na ustoychivost sklonov i vosvedeniye na nikh osvezhenii pri ottaivani mraznykh granitov
Author:	Novikov, V.S. (Lab 26-3955)
Source:	Reseniye soveshchaniya-senior po obshemu opytu stroitel'stva v suro- vykh klimaticheskikh usloviyakh, 5th, 2 Tyumen', 1968, 7(1):207-219 1pp
Language:	Russian
Spec. Instr.	Please translate & type single copies; do paste-up, leave space, translate indicated & headings of illustrations

B. A. Glazun

*Investigation of dielectric relaxation of Zeolite NaA
during adsorption of water. 8 pp.*

RUSSIAN, Vsesoyuznogo Soveshchaniya po Tseolitam.

Materialy, 1965, pp 83-87

AIR/FTD-MT-24-1025-72

jan 73

Effect of Certain Parrocene Derivatives on
Polyethylene Film during Irradiation by UV light,
by Z. A. Oeynoravichute. 6 pp.

RUSSIA, rpt, Vsesoyuznyy S'ezd po Ekonomike
Proizvodstva i Pribremeniya Trub i Detaley Trubo-
provodov iz Polietilena, Vilna, 1966. Materialy
1966, p 125-129.

ML/PID/11-2391232-68

sci/physics
nov 69

397,047

Investigation of the Mechanical Properties of
High-Melting Materials at High Temperatures in
Vacuum and in an Inert, by G. S. Pisarenko,
V. K. Kharchenko, et al. 7 pp.

RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po
Voprosam Staticheskoy i Dinamicheskoy Prodn-
nosti Materialov i Konstruktsionnykh Elementov
pri Vysokikh i Nizkikh Temperaturakh, 3d
Materialy Soveshchaniya, 1965, pp 7-13.
ATP/PTD/IT-23-618-67

Sci/Materials
Feb 69

375,484

Influence of Carbonization on the Short-Term
Strength of Tungsten, Molybdenum, and
Tantalum at High Temperatures, by
S. S. Gorodetskiy, V. N. Rudenko.
RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye
po Voprosam Staticheskoy i Dinamicheskoy
Prochnosti Materialov i Konstruktsionnykh
Elementov pri Vysokikh i Nizkikh
Temperaturakh, 1965, pp 14-17.
*FTD HT 23-770-67

Phys
May 67

Investigations of the Influence of
Complex Alloying on the Physico-Mechanical
Properties of Niobium by I. S. Malashenko,
B. A. Movchan.

RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po
Voprosam Staticheskoy i Dinamicheskoy
Prochnosti Materialov i Konstruktsionnykh
Elementov pri Vysokikh i Nizkikh
Temperaturakh, 1965, pp 18-27.

*FTD IIT 23-770-67

The Elasticity Characteristics of Tungsten-Molybdenum Alloys at Normal and High Temperatures, by Yu. A. Kashtalyan.
RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po Voprosam Staticheskoy i Dinamicheskoy Prochnosti Materialov i Konstruktsionnykh Elementov Pri Vysokikh i Nizkikh Temperaturakh 1965,
pp 28-29.
*FTD HT 23-770-67

Sci-Phys
May 67

On the Determining of the Mechanical Properties
of Laminated Plastics in Conditions of One-Sided
Surface Heating, by B. A. Lyashenko & G. S.
Pisarenko.

RUSSIAN, rpt, Vysokoyasnoye soveshchaniye po
vooproam staticheskoy i dinamicheskoy prochnosti
materialov i konstruktsionnykh elementov pri
vyssokikh i nizkikh temperaturakh, 3d. 'Izmenyemost'
materialov i konstruktsionnykh elementov, materialy
soveshchaniya, Kiev, Naukova dumka, 1965, pp 106-
112.

*FTD-HT-23-115-68

Sci/Mat
Feb 68

REQ TR CHECK

27-8-24

1017

A STUDY OF THE TEMPERATURE AND TIME DEPENDENCE
OF THE STRENGTH AND DURABILITY OF SHEET GLASS
PLASTICS AG-4S AND EF-S UNDER TENSION,
COMPRESSION, AND SHEAR IN CONDITIONS OF
PROGRAMMED ONE-SIDED HEATING

LOZINSKIY M G

UR: VSESOYUZNOYE SOVESHCHANIYE PO VOPROSAM
STATICHESKOY I DINAMICHESKOY PROCHNOSTI
MATERIALOV I KONSTRUKTSIONNYKH ELEMENTEV
PRI VYSOKIKH I NIZHIKH TEMPERATURAKH 3D.
MATERIALY, KIEV, 1965, pp 113-123

In process and Negative
MT-24-71-1778 *10 Sept 71*

Investigation of Inelastic Strains in Metals
Under Cyclical Deformation, by V. I. Bugay,
G. S. Pisanenko, et al. 11 pp
RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po
Voprosam Staticheskoy i Dinamicheskoy Prochn-
osti Materialov i Konstruktsionnykh Elementov
pri Vysokikh i Nizkikh Temperaturakh. 3d
Materialy Soveshchaniya, 1965, pp 160-169.
AIR/FID/HT-23-618-67

Sci./Materials

Feb 69

375,485

A Study of the Structure of the Surface
Layers and of Thermal Stability of Cast
Nozzle Blades Under Conditions of
Stationary and Nonstationary Heating
by V. N. Gridnev, T. V. Yegorshina, et al
RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye
po Voprosam Staticheskoy i Dinamicheskoy
Prochnosti Materialov i Konstruktsionnykh
Elementov pri Vysokikh i Nizkikh
Temperaturakh, 1965, pp 195-203 .
*FTD HT 23-720-67

Sci-Phys
May 67

REQ TR CHECK

30-11-23

TX87

INVESTIGATION OF THE EFFECTS OF SEVERAL ~~FACTORS~~
FACTORS ON THE FATIGUE CHARACTERISTICS OF
HEAT RESISTANT ALLOYS USED FOR TURBINE BLADE
MANUFACTURE

AKIMOV L M

UR: VSESOUZNOYE SOVESHCHANIYE PO VOPROSAM
STATICHESKOY I DINAMICHESKOY PROCHNOSTI
MATERIALOV I KONSTRUKTSIONNYKH ELEMENTOV PRI
VYSOKIKH I NIZKIKH TEMPERATURAKH, 3D.
TERMOPROCHNOST' MATERIALOV I KONSTRUKTSIONNYKH
ELEMENTOV. 1965, pp 228-235

*Process to as**HT 12-23-0153**Negative
8 Dec 71*

The Effect of Thermal Fatigue on the
Durability of Materials, by R. I. Kuriat,
V. P. Dubinin, et al.
RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po
Voprosam i Dinamicheskoy Prochnosti
Materialov i Konstruktsionnykh Elementov pri
Vysokikh i Nizkikh Temperaturakh, 1965,
pp 236-238.
*FTD HT 23-770-67

Sci-Materials
May 67

An Investigation of Thermal Fatigue in a Complex
Stressed State, by N. S. Izharovskiy,
N. V. Vasilenko. 6 pp.

RUSSIAN, rpt, Vsesoyuznoye Soveshchaniye po
Voprosam Staticheskoy i Dinamicheskoy Prodi-
nosti Materialov i Konstruktsionnykh Elementov
pri Vysokikh i Nizkikh Temperaturakh. 3d
Materialy Soveshchaniya, 1965, pp 250-255.
AIR/ITD/IT-23-618-67

Sci./materials
Feb 69

375,486

Problems of Optimization in the
Mechanics of Spaceflight With Small
Thrusters, by G. L. Grodzovskiy,
Yu. N. Ivanov, 23 pp.
RUSSIAN, por, Vsesoyuznyy S"yезд Po
Teoreticheskoy i Prikladnoy Mekhanike.
2d, Moscow, 1964. Analiticheskaya
Mekhanika. Ustoychivost' Dvizheniya.
Nebesnaya Ballistika., No 1, 1965,
pp 181-197.
P100231068-V
PTD-MT-23-1241-67
Sci/Space Tech 364,320
Sep 68

*Rotation of the earth, deformation of the earth's crust,
and solar activity, by N. N. Pavlov. 24 pp.*

*RUSSIAN, bk, Vsesoyuznaya yubileynaya konferentsiya po
probleme izucheniya zemli kak planety metodami astronomii
i geofiziki, 1970, pp 80-51.*

NASA TT F 13,878

NASA

apr 72

Problem of Coupling Certain Unsteady Differential Equations, by O.A. Oleynik, 8 pp.
RUSSIAN, per. Vsesoyuz Zhur Differentsial'nyye
Usayneniya, Vol 7, No 4, 1971.
ACSI-K-2695
FSTC-HT-23-2078-72

Aug 72

Flaring Stars, by G. A. Gurzadyan.
RUSSIAN, bk, Vspykhivayushchie Zvezdy, 1973, 270 pp.
*IPST

Sept 72

Rendezvous in Orbit, by A. A. Lebedev, V. B. Sokolov,
478 pp.
RUSSIAN, bk, Vstrecha na Orbite, 1969, pp 1-366.
AIR/FTD/MT-24-26-71

Jan 72

Second scientific technical conference on
radio communication. 13 pp.
RUSSIAN, Vtoraya Nauchnotekhnicheskaya
Konferentsia po kosmicheskaya radiosvyazi,
1971 Table of Contents
NASA TT F 14,406

oct 72

Secondary Emissions and Structural Properties of
Solids, 240 pp.

RUSSIAN, bk, Vtorichnoemissionnye i Strukturnye
Svoistva Tverdykh Tel, 1971.

Plenum Press

Sci-Phys
Sep 70

The Second Group space flight and some details of
the flight by Soviet cosmonauts on the Vostok space
ship, by G. M. Gladyshev.

1. LOMAN, Ek. Yuryy Geyrovoy Kononicheskii i
1. Koryolovskiy Polotny. Sovetskaya Kosmonavtika
na Koryolovskiy Vostok, Moscow, 1961, 126 pp.

1. LOMAN-05-106

1. LOMAN-05-106
Jan 65

The Structure of the Earth's Crust in the
Indian Ocean, by Yu. P. Neprochnov.
RUSSIAN, per, Vtoroy Mezhduzarnodnyy Okeano-
graficheskiy Kongress. Tsimba Lakiadov,
1966, 290 pp. (The Second International
Oceanographic Congress, Abstracts).
ATD Lib of Congress
Geosciences and Technology Bulletin
Vol II, No 5

336,948

Sci - Earth Sciences and Oceanography
Sep 67

Handbook: The Privileges for Servicemen and
Their Families, by G. F. Krivov & E. J. Pazghin,
189 pp.

RUSSIAN, per, Voennoye Izdatelstvo Ministerstva
Oborony, 1967, pp 3-178; 195-231.

DEA ID 355-68

USSR

MI11

Aug 68

English title unknown, by V. P. Shidlovskiy.
RUSSIAN, per, Vvedeniye v Dinamiku Razrezhennogo
Gaza, ~~1967~~ 1965, pp 5-11 & 220
FTD-HT-Special 400-70

dec 70

Introduction to Lunar Physics.
RUSSIAN, bk, Izvedenie v fizika Lunny, 1969.
PLENUM PRESS

Sci-Phys
Jul 68

359.967

Operation Research.

RUSSIAN, bk, Vvedeniye v Issledovaniye Operatskiy SSSR,
1964, Chapter 2, pp 4, 5, 6, 7, 8, 9, 10, 11, 12, 13,
14, 15.

DIA LN 85-70

Aug 71

Introduction to Medical Cyborgnetics, by
V. V. Parin, R. M. Bayevskyi.
RUSSIAN, bk, Vvedeniye v Meditsinskuyu Kiber-
netiku, 1966, pp 2-222. PO10292267-V
NASA Tr P-459

Sci-BGM
Aug 67

338,228

Introduction to the Mechanics of Reinforced Polymers,
by A. L. Rabinovich, 676 pp.

RUSSIAN, bk, Vvedeniye v Mekhaniku Armirovannykh
Polimerov, Moscow, 1970.

ARM/FBTC/HT-23-1068-72

June 72

Experimental Investigations of the Nonlinear Effect
in Gases and Liquids, by L. K. Zarembo,
Va. A. Krasil'nikov, 33 pp.
RUSSIAN, bk, Vvedeniye v Nelineynuyu Akustiku,
Chapter 4, 1966, pp 139-177.
Dept of Navy NIC Trans 3028

Sci/Chem
May 70

407,117

Introduction to Nonlinear Acoustics: High
Intensity Sound Waves and Ultrasonic Waves,
by L. K. Zarembo, V. A. Krasil'nikov.
RUSSIAN, bk, Vvedenie v Nelineinuyu Akustiku:
Zvukovye i Ul'trazvukovye Volny Vol'shod
Integralovskii, Nauka Press, 1966.
Consultants Bureau/
Plenum Press

319,975

Sci - Physics
Mar 67

Introduction to the Nonlinear Theory of Mesoscale
Meteorological Processes, by L. N. Gutman, 224 pp.
RUSSIAN, bk, Vvedenie v Nelineinuyu Teoriyu
Mezometeorologicheskikh Protsessov, 1969.
NTIS TT 71-50132

Dec 72

Introduction to Abnormal Psychology, by
S. V. Zeigarnik. 172 pp.
MOSCOW, U.S.S.R., Voennoe v Vostochno-psikhologiyu, 1969,
CANDIDATE, BUREAU/RESEARCH

sci/b and
jan 70

399,692

An Introduction to the Art of Translating
Scientific and Technical Literature into
English, by A. L. Pumpyanskiy. 19 pp.
RUSSIAN, rpt, Vvedeniye v Praktiku
Perevoda Nauchnoy i Tekhnicheskoy
Literatury na angliyskiy yazyk Moscow,
1965, pp 3-31; 289-293.
ACSI I-9869
ID 2204008066

USSR/Econ
Jul 66

304,260

Information Processing in a Radar System, by
D. S. Kontorov, 18 pp.
RUSSIAN, bk, Vvedeniye v Radiolokatsionnuyu Sistemo-
tekhniku, 1971, Chapter 4, pp 89-112.
CIA-X-7709

Jan 73

Independent Radar Systems, by D. S. Kontorov, 13 pp.
VVEDENIYE V RADIOLOKATSIONNuyu SISTEMOTEKHNIKU,
Chapter, VI, 1971, pp 167-184.
X-7735

Mar 73

Incoherent Systems, by D. S. Kontorov, 7 pp.
VVEDENIYE V RADIOLOKATSIONNIYU, Chapter VII, 1971,
pp 185-195.
X-7730

Mar 73

Videocohherent Systems, by D. S. Kontorov, 8 pp.
VVEDENIYE V RADIOLOKATSIONNIYU SISTEMOTEKHNIKU
1971, pp 196-220. Chapter VIII.
X-7727

Mar 73

Coherent Systems, by D. S. Kontorov, 24 pp.
VVEDENIYE V RADIOLOKATSIONNUYU SISTEMOTEKHNIKU,
Moscow, 1971, pp 221-256. Chapter 9
X-7723

Jan 73

Multistage Radar Systems, by D. S. Kontorov, 20 pp.
VVEDENIYE V RADIOLOKATSIONNYYU SISTEMOTEKHNIIU,
1971, pp 257-284. Chapter 10
X-7724

Jan 73

Sorin, I. A.

Radiospectroscopy of Paramagnetic single crystals. 256 pp
VVEDENIE V RADIOSPEKTROSKOPIYU PARAMAGNITNYKH MONOKRIST-
ALLOV. 1969
PLENUM PUBLISHING COMPANY

Thermal Noise in Resistors: A New Derivation
Dissipation Theorem, by S.M. Rytov.
RUSSIAN. Ann. Vvedenie Statisticheskoy Radiyinykh.
MOSCOW 1960. pp. 285-290.
NTC 71-10910-203
C 77 136-2

August 71

Introduction to Statistical Radio Physics
(Selected Parts), by S. I. Rylov. 24 pp.
USSR, Uchenye Vopr. Statisticheskoyu
Radiotekhniki, 1965, pp 307-322.
AIR/PID/IR-23-792-68

sci/math
apr 69

339,064

Utilization of the Reciprocity Theorem. by N. K.
Rylov.

RUSSIAN, Vvedenie v Statisticheskuyu Radiofiziku.

1965, pp. 323-333.

HTC 71-31131-260

CIA X 7365 1/11

August 71

Wave Propagation in Media With Random Inhomogeneities,
by S. M. Rytov.
RUSSIAN, mono. Vvedenie v Statisticheskuyu Radiofiziku,
1965. pp. 335-337.
ITC 71-11100-20N

CIP X 7361 5 pp

August 71

Diffraction by a Chaotically Inhomogeneous
Screen, by S. M. Rytov.

RUSSIAN, rpt, Vvedenie v Statisticheskuiu
Radiofiziku, 1966, pp 329-352.

NTC-71-12337-20F 339

Nov 71